

Purchase Order Receipt Listing

Wednesday, September 27, 2017 1:03:53 PM

All Vendors PO ID PO37866 Receipt Dates from 9/26/2017 to 9/26/2017 All Line Item Types
 All Item ID/GL/WOs All Rec. Employees All Currencies
 Grouped by Vendor ID

Page 1 of 3

All amounts are calculated in domestic currency.

Purchase Order ID	Line Nbr/ Curr Type	Project ID	Reference/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID	Vendor Name	VU-MCM001	McMaster-Carr Supply Co.								
PO37866	1 USD	MDELNRINR2.500 m138615	f f	5 9.89	9/26/2017 1.0000	9/26/2017 PLOU01	1.0000	✓ 0.0000	0.0000	0	\$0.00
	2 No	MDELNRINR1.625 m138615	f f	5 9.89	9/26/2017 1.0000	9/26/2017 PLOU01	1.0000	✓ 0.0000	0.0000	0	\$0.00
	3 No	MDELNRINR2.250 m138615	f f	5 9.89	9/26/2017 1.0000	9/26/2017 PLOU01	1.0000	✓ 0.0000	0.0000	0	\$0.00
	4 No	MDELNRINR2.250 8547K833 m138615	f f	5 9.89	9/26/2017 10.0000	9/26/2017 PLOU01	10.0000	✓ 0.0000	0.0000	0	\$0.00
	5 No	9263K756 8547K833 m138615	Each Each Each	034.4mm ID O-RING, 3.1mm x 034.4mm ID	9/26/2017 4.0000	9/26/2017 PLOU01	4.0000	✓ 0.0000	0.0000	0	\$0.00
	6 No	91280A346 m138615	Each Each	Hexagonal Screw	9/26/2017 50.0000	9/26/2017 PLOU01	50.0000	✓ 0.0000	0.0000	0	\$0.00
	7 No	MT-OI-R0.750 m138615	f f	5 9.89	9/26/2017 3.0000	9/26/2017 PLOU01	3.0000	✓ 0.0000	0.0000	0	\$0.00

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID	Vendor Name	VL-MCM001	McMaster-Carr Supply Co,								
PO37866	8		MDLERINS0.040 O ^{3/4} MDLERIN Sheet	DAS	9/26/2017 5.0000	9/26/2017 PL0U01	5.0000	✓ 0.0000 0.0000	0.0000 0.0000	0 0	\$0.00
	No		0.04 thick color: white McMaster p/n: 8738K56	5 9-89							
	9	6012045	RTV (LOCTITE 598) Each	Each	9/26/2017 15.0000	9/26/2017 PL0U01	15.0000		0.0000 0.0000	0 0	\$0.00
	No		McMaster p/n: 6641A41								
	10	71400-20	7509A82 1300L GASKET ADHESIVE	Each	9/26/2017 6.0000	9/26/2017 PL0U01	6.0000		0.0000 0.0000	0 0	\$0.00
	No										
	11	71400-20	8938A45 THREE SIDED FLAT BELLOW	Each	9/26/2017 1.0000	9/26/2017 PL0U01	1.0000		0.0000 0.0000	0 0	\$0.00
	No										
	12	71400-40	7510A653 PLASTIC SYRINGES 10CC	Each	9/26/2017 10.0000	9/26/2017 PL0U01	10.0000		0.0000 0.0000	0 0	\$0.00
	No										
	13	71500-20	4289A16 BLADE	Each	9/26/2017 20.0000	9/26/2017 PL0U01	20.0000		0.0000 0.0000	0 0	\$0.00
	No		ml38615								
	14	71500-20	4289A41 BLADE	Each	9/26/2017 20.0000	9/26/2017 PL0U01	20.0000		0.0000 0.0000	0 0	\$0.00
	No		ml38615								
	15	71500-45	4066A79 ARBOR 3/8	Each	9/26/2017 1.0000	9/26/2017 PL0U01	1.0000		0.0000 0.0000	0 0	\$0.00
	No		ml38615								
	16	71500-45	41005A25 HOLE SAW	Each	9/26/2017 1.0000	9/26/2017 PL0U01	1.0000		0.0000 0.0000	0 0	\$0.00
	No		ml38615								

Total Received Quantity:	189.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$0.00
Total Balance Due Quantity:	0.0000

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Page 1 of 1

09/25/2017

Purchase Order
PO37866

Order Placed By
Chantal Lavoie

McMaster-Carr Number
1161417-02

Line	Product	Ordered	Shipped
1	8572K32 White Delrin® Acetal Resin Rod, 2-1/2" Diameter, 1' Length	1	1
2	8572K26 White Delrin® Acetal Resin Rod, 1-5/8" Diameter, 1' Length	1	1
3	8572K31 White Delrin® Acetal Resin Rod, 2-1/4" Diameter, 2' Length	2	2
5	9263K756 Chemical-Resistant Viton Fluoroelastomer O-Ring, 3.1 mm Wide, 34.4 mm ID, Packs of 1	4	4
6	91280A346 Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M6 x 1 mm Thread, 50 mm Long, Packs of 50	1	1
8	8738K56 White Delrin® Acetal Resin Strip, 0.04" Thick, 12" Wide, 5' Length	5	5
9	6641A41 Flexible Gasket Maker Sealant, Loctite 598, 2.36 oz. Tube	15	15
10	8938A45 Three-Sided Flat Bellow, 12-1/8" x 2" Inside, 1 Foot Length	1	1
11	7510A653 Plastic Syringe with Luer Lock Tip, 0.34 oz. Capacity, Packs of 10	10	10
12	4289A16 Deburring Scraper, Blade for Front and Back Hole Edges, Number N3, B30	20	20
13	4289A41 Deburring Scraper, Blade for Back Hole Edges, Number N6, B60	20	20
14	4066A79 Arbor with 3/8" Hex for 1-1/4" to 6" Hole Saw	1	1
15	41005A25 1-3/8" Diameter Fast-Cut Hole Saw	1	1
16	41005A35 2" Diameter Fast-Cut Hole Saw	1	1
17	41005A47 3" Diameter Fast-Cut Hole Saw	1	1
18	4066A78 Arbor with 3/8" Hex for 9/16" to 1-3/16" Hole Saw	1	1

SP9-27



McMASTER-CARR®

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Packing List

Purchase Order
PO37866
Order Placed By
Chantal Lavoie

Page 1 of 1
09/25/2017

McMaster-Carr Number
1161417-11

Ordered **6**
Shipped **6**
Each

Line Product

1 **7509A82** Gasketing Adhesive, 3M 1300L, 32 oz. Can

Notes about your shipment

SPD-927

The U.S. Department of Transportation regulates the shipping of line 1. By purchasing from McMaster-Carr Supply Company, you agree not to transport or permit others to transport purchased items except in accordance with U.S. law and any other applicable laws.

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO37866
Order Placed By
Chantal Lavoie

Page 1 of 1
09/25/2017

McMaster-Carr Number
1161417-01

Line	Product	Ordered	Shipped
4	8547K893 Tube Made From PTFE, 1" OD x 1/2" ID	10 Feet	10
7	8893K19 Tight-Tolerance Multipurpose O1 Tool Steel Rod, 0.7500" Diameter, 3 Feet Long	1 Each	1
19	93250A012 Super-Corrosion-Resistant 316 Stainless Steel Threaded Rod, 10-32 Thread Size, 6 Feet Long, Packs of 1	6 Packs	6

SPB9127

200 Aurora Industrial Pkwy
 Aurora OH 44202-8087
 330-995-5500
 cle.sales@mcmaster.com

Dart Aerospace Ltd
 1270 Aberdeen St
 Hawkesbury ON K6A 1K7
 Canada

Certificate of Compliance

Purchase Order
 PO37866

Page 1 of 1
 09/25/2017

Order Placed By
 Chantal Lavoie

McMaster-Carr Number
 1161417-02

Line	Product	Ordered	Shipped
1	8572K32 White Delrin® Acetal Resin Rod, 2-1/2" Diameter, 1' Length	1 Foot	1
2	8572K26 White Delrin® Acetal Resin Rod, 1-5/8" Diameter, 1' Length	1 Foot	1
3	8572K31 White Delrin® Acetal Resin Rod, 2-1/4" Diameter, 2' Length	2 Feet	2
5	9263K756 Chemical-Resistant Viton Fluoroelastomer O-Ring, 3.1 mm Wide, 34.4 mm ID, Packs of 1	4 Packs	4
6	91280A346 Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M6 x 1 mm Thread, 50 mm Long, Packs of 50	1 Pack	1
8	8738K56 White Delrin® Acetal Resin Strip, 0.04" Thick, 12" Wide, 5' Length	5 Feet	5
9	6641A41 Flexible Gasket Maker Sealant, Loctite 598, 2.36 oz. Tube	15 Each	15
10	8938A45 Three-Sided Flat Bellow, 12-1/8" x 2" Inside, 1 Foot Length	1 Foot	1
11	7510A653 Plastic Syringe with Luer Lock Tip, 0.34 oz. Capacity, Packs of 10	10 Packs	10
12	4289A16 Deburring Scraper, Blade for Front and Back Hole Edges, Number N3, B30	20 Each	20
13	4289A41 Deburring Scraper, Blade for Back Hole Edges, Number N6, B60	20 Each	20
14	4066A79 Arbor with 3/8" Hex for 1-1/4" to 6" Hole Saw	1 Each	1
15	41005A25 1-3/8" Diameter Fast-Cut Hole Saw	1 Each	1
16	41005A35 2" Diameter Fast-Cut Hole Saw	1 Each	1
17	41005A47 3" Diameter Fast-Cut Hole Saw	1 Each	1
18	4066A78 Arbor with 3/8" Hex for 9/16" to 1-3/16" Hole Saw	1 Each	1

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. In all other respects this transaction remains subject to our standard terms and conditions of sale, which can be found at www.mcmaster.com.



Sarah Weinberg
 Compliance Manager



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Certificate of Compliance

Purchase Order
PO37866

Page 1 of 1
09/25/2017

Order Placed By
Chantal Lavoie

McMaster-Carr Number
1161417-01

Line	Product	Ordered	Shipped
4	8547K893 Tube Made From PTFE, 1" OD x 1/2" ID	10	10
7	8893K19 Tight-Tolerance Multipurpose O1 Tool Steel Rod, 0.7500" Diameter, 3 Feet Long	1	1
19	93250A012 Super-Corrosion-Resistant 316 Stainless Steel Threaded Rod, 10-32 Thread Size, 6 Feet Long, Packs of 1	6	6

SP 17-9-27

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. In all other respects this transaction remains subject to our standard terms and conditions of sale, which can be found at www.mcmaster.com.

Sarah Weinberg

Sarah Weinberg
Compliance Manager

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: Delrin R2.500
 DATE: SEP 27 2017

PO / BATCH NO.: 0037866/138615

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 1
 QUANTITY INSPECTED: 1
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.500
 THICKNESS RECEIVED: 2.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/> N <input type="radio"/>	Acceptable
CORRECT THICKNESS	Y <input checked="" type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N <input type="radio"/>	0037866
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	DAS	5	9-89	ENGINEERING SIGNOFF (if required)
INSPECTED BY:				SIGNED OFF BY: _____
DATE:	SEP 27 2017			DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. A
CP	CH	M - DELRIN - R	1 OF 1
DATE	TITLE		SCALE
01. 11. 12	DELRIN ROUND BAR		NTS
A	01. 11. 12	NEW ISSUE	
A1	04. 11. 15	ADD "ACETRON GP ACETAL" AS OPTION	

PURCHASE MATERIAL:

DELRIN II ISOE OR ACETRON GP ACETAL

PART NUMBER:

M - DELRIN - RD.DDD | WHERE D.DDD = DIAMETER IN INCHES

DIA

EG. 1" ROUND BAR = M - DELRIN - R 1.000

RELEASED

01. 11. 12 CH

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MDE1inR1.625
 DATE: SEP 27 2017

PO / BATCH NO.: PO37866/M138615

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 1'
 QUANTITY INSPECTED: 1'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.625
 THICKNESS RECEIVED: 1.630
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/> N <input type="radio"/>	Acetq. 1
CORRECT THICKNESS	Y <input checked="" type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N <input type="radio"/>	PO37866
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY:	DAS <u>5</u>	SIGNED OFF BY:	
DATE:	SEP 27 2017 9-89	DATE:	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DART

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. A
CP	CH	M - DELRN - R	1 OF 1
DATE	01. 11. 12	TITLE	SCALE
A	01. 11. 12	DELRN ROUND BAR	NTS
A1	04. 11. 15	ADD "ACETRON GP ACETAL" AS OPTION	

PURCHASE MATERIAL:

DELRIN II ISOE OR ACETRON GP ACETAL

A1

PART NUMBER:

M - DELRN - RD.DDD | WHERE D.DDD = DIAMETER IN INCHES
| DIA

EG. 1" ROUND BAR = M - DELRN - R 1.000

RELEASED

01. 11. 12 CH

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 1D/1inR 2,250
 DATE: SEP 27 2017

PO / BATCH NO.: PO37866/M138615

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 2
 QUANTITY INSPECTED: 2
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2,250
 THICKNESS RECEIVED: 2,260
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>N</u>	
CORRECT FINISH	Y <u>N</u>	
CORROSION	Y <u>N</u>	
CORRECT GRAIN DIRECTION	Y <u>N</u>	
CORRECT MATERIAL PER M-DRAWING	Y <u>N</u>	Accept
CORRECT THICKNESS	Y <u>N</u>	
PHOTO REQUIRED	Y <u>N</u>	
CORRECT REF # TO LINK CERT	Y <u>N</u>	PO37866
CORRECT MATERIAL IDENTIFICATION	Y <u>N</u>	
CORRECT M# ON THE MATERIAL	Y <u>N</u>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY:	<u>DAS</u>	SIGNED OFF BY:	
DATE:	<u>SEP 27 2017</u>	DATE:	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DART

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. A
CP	CH	M-DELRN-R	SHEET 1 OF 1
DATE	01.11.12	TITLE	SCALE
		DELRN ROUND BAR	NTS
A	01.11.12	NEW ISSUE	
A1	04.11.15	ADD "ACETRON GP ACETAL" AS OPTION	

AI

PURCHASE MATERIAL: DELRIN II ISOE OR ACETRON GP ACETAL

PART NUMBER: M-DELRN-R D.DDD WHERE D.DDD = DIAMETER IN INCHES
DIA

EG. 1" ROUND BAR = M-DELRN-R 1.000

RELEASED

01.11.12 CH

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 4 Delrin S 0,40
DATE: SEP 28 2017

PO / BATCH NO.: PO37866/MB8615

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 51
QUANTITY INSPECTED: 51
QUANTITY REJECTED: 0

THICKNESS ORDERED: .040
THICKNESS RECEIVED: .036
SHEET SIZE ORDERED: N/A
SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	X <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/> N <input type="radio"/>	Acetal
CORRECT THICKNESS	Y <input checked="" type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	X <input checked="" type="radio"/> N <input type="radio"/>	P037866
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	6/18	ENGINEERING SIGNOFF (if required)
INSPECTED BY: _____	5	SIGNED OFF BY: _____
DATE: SEP 28 2017	9-89	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DART

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. M-DELRIN-S	REV. A	SHEET 1 OF 1
DATE 02.10.10		TITLE DELRIN SHEET	SCALE	NTS
A	02.10.10	NEW ISSUE		

RELEASED
02.11.04 *[Signature]*PURCHASE MATERIAL: DELRIN II 150E OR ACETRON GP *(ACETAL)*DART NUMBER : M-DELRIN-S. TTT | WHERE .TTT = THICKNESS IN INCHES
THICK

EG. 0.125" DELRIN II 150E = M-DELRIN-S.125

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-01 RG.750
 DATE: SEP 27 2017

PO / BATCH NO.: PO37866/M138615

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 3'
 QUANTITY INSPECTED: 3'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750
 THICKNESS RECEIVED: .750
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<i>ASim AG81</i>
CORRECT THICKNESS	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<i>PO37866</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>5</u> <u>9-89</u> DATE: <u>SEP 27 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI 01 TOOL STEEL ROUND BAR

SPECIFICATION: DIN 1.2510 or B.S. BO 1 or
SAE J437 or SAE J438
or UNS T31501 or ASTM A681

PART NUMBER:

MT-01-R[D,DDD]

WHERE "D,DDD" = DIAMETER IN INCHES
E.G. 5/8" ROUND BAR = MT-01-R0.625

1	2	3	4	5	6	7	8
REV.	REV.	DESCRIPTION	REV.	DATE	BY	APPROVED	
A		NEW ISSUE		17.08.09	VM	VM	

D

C

B

A

DART AEROSPACE	
Waterloo, Ontario, Canada	
MT-01 TOOL STEEL ROUND BAR	
Drawn by:	REV
VM 8/9/2017	A
DRAWN BY:	VM 08/01/2017
CHECKED:	VM 08/13/2017
REQ. APPROVED:	DP 08/05/2017
QA APPROVED:	PD 08/12/2017
APPROVED:	VM 08/19/2017
DATE:	8/12/2017
SCALE:	1:1
WEIGHT/N/A	LEIS
SHEET 1 OF 1	

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It is the property of DART Aerospace LTD. and is loaned to the recipient.

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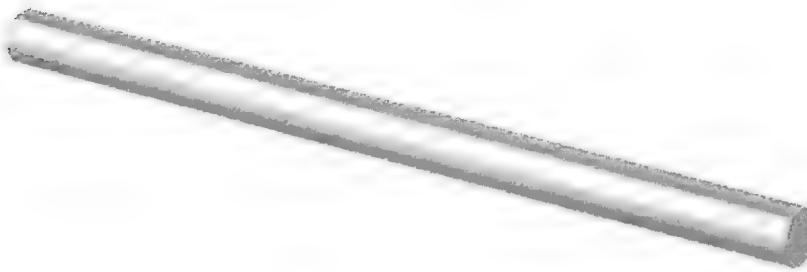
A

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Tight-Tolerance Multipurpose O1 Tool Steel Rod 0.7500" Diameter

8893K19



Material	O1 Tool Steel
Cross Section	Round
Shape	
Construction	Solid
Appearance	Plain
Diameter	0.75"
Diameter	-0.001" to 0.001"
Tolerance	
Tolerance	Tight
Rating	
Yield Strength	50,000 psi
Temper	
Rating	Softened (Annealed)
Hardness	Rockwell B90
Hardness	
Rating	Medium
Heat	
Treatable	Yes
Maximum	
Hardness	
after Heat	
Treatment	Rockwell C65
Mechanical	
Finish	Precision Ground
Temperature	
Range	Not Rated
Specifications	
Met	ASTM A681
Straightness	
Tolerance	Not Rated
Density	0.28 lbs./cu. in.
Coefficient of	
Thermal	
Expansion	7.1×10^{-6}
Elongation	25%
Material	
Composition	
Iron	94.79-96.95%
Carbon	0.85-1.05%
Chromium	0.40-0.70%

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 136LTHRD RD-0190-30-72 PO / BATCH NO.: PC37866/MB38615
 DATE: SEP 28 2011

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 36'
 QUANTITY INSPECTED: 36'
 QUANTITY REJECTED: &

THICKNESS ORDERED: .190
 THICKNESS RECEIVED: .190
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/>	N
CORROSION	Y <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/>	N
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/>	N 316 Stainless Steel Threaded rod
CORRECT THICKNESS	Y <input checked="" type="radio"/>	N
PHOTO REQUIRED	Y <input checked="" type="radio"/>	N
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/>	N pc37866
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/>	N
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/>	N
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/>	

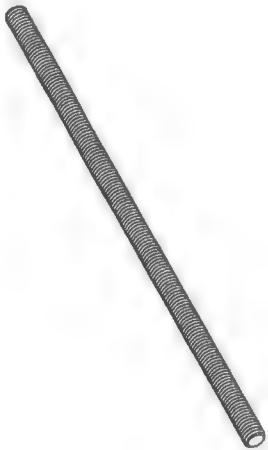
CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>5</u> DATE: <u>SEP 28 2019-89</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING



M-316THRD

PURCHASE MATERIAL: 316 STAINLESS STEEL THREADED ROD
1/8" X 10' MINIMUM TENSILE STRENGTH

PART NUMBER: M-3167HRD1-X-XXXI-Y1-ZZ WHERE X.XXX = THREAD MAJOR DIAMETER
YY = THREADS PER INCH
ZZ = LENGTH IN INCHES

EXAMPLE: 10-32 THREADED ROD, 72 INCHES LONG = M-316THRDRD-0.190-32-72
114-20 THREADED ROD, 72 INCHES LONG = M-316THRDRD-0.250-20-72

A	NEW ISSUE	DESCRIPTION	ML.	17.06.20
REV.			BY	DATE
DESIGN	ML.	DART AEROSPACE LTD		
DRAWN	ML.	HAWKSBURY, ONTARIO, CANADA		
CHECKED	AJS	DRAWING NO.		REV. A
MFG. APPR.	DD	M-316THDRD		SHEET 1 OF 1
APPROVED	WM			SCALE
DE APPR.	CP	316 THREADED ROD		NTS
DATE	17.06.20			

NOTES:
1) MATERIAL: SEE ABOVE
2) FINISH: NA
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: NA
6) IDENTIFICATION: IDENTIFY PER DART QSI 044
7) WEIGHT: <0.01 LBS PER INCH

THE EXPRESS CONVENTION THAT IT IS
TO ANY OTHER PERSON WITHOUT
FACE LTD.

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37866**

Purchase Order Date 9/25/2017
PO Print Date 9/25/2017

Page Number 1 of 7

Order From :
MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

SEP 25 2017

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	330 995 5500	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 10
Ship Via:	Purolator ground ppd	Currency	USD
Ship Acct:		FOB	FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	MDELRI NR2.500	MDELRI NR2.500	9/26/2017 Yes 9/26/2017	1.00 f		\$28.42	\$28.42
	MCMASTER P/N: 8572K32						
2	MDELRI NR1.625	MDELRI NR1.625	9/26/2017 Yes 9/26/2017	1.00 f		\$13.07	\$13.07
	MCMASTER P/N: 8572K26						
3	MDELRI NR2.250	MDELRI NR2.250 COLOR WHITE McMaster p/n: 8572K31	9/26/2017 Yes 9/26/2017	1.00 f	2 feet	\$47.42	\$47.42

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37866**

Purchase Order Date 9/25/2017
PO Print Date 9/25/2017

Page Number 2 of 7

Order From :

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Buyer Chantal Lavoie

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Customer POID

Customer Tax # 10127-2607

Terms Net 10

Currency USD

FOB FCA - (Free Carrier)

				Line Total:	
4	8547K45	Tube alt p/n: MCMASTER 8547K893	9/26/2017 FN Yes 9/26/2017	10.00	\$34.25 \$342.50
5	9263K756	O-RING, 3.1mm x Ø34.4mm ID	9/26/2017 FN Yes 9/26/2017	4.00	\$3.82 \$15.28
6	91280A346	Hexagonal Screw	9/26/2017 FN Yes 9/26/2017	50.00	\$0.17 \$8.37

Note:



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PURCHASE ORDER

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Purchase Order Date 9/25/2017

PO Print Date 9/25/2017

Page Number 3 of 7

Order From : VU-MCM001

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 330 995 5500

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 10
Currency USD
FOB FCA - (Free Carrier)

Ship To Contact
Ship To Phone
Ship Via: Purolator ground ppd
Ship Acct:

7 MT-O1-R0.750 ✓ Tool Steel Round Bar 0.750 dia. ✓ 9/26/2017 FN 3.00 ✓ \$6.58 \$19.73
Yes 9/26/2017 f P/O -

MCMASTER P/N: 8893K19

8 MDELRINS0.040 ✓ MDELRIN Sheet 0.04 thick color: white McMaster p/n: 8738K56 ✓ 9/26/2017 5.00 ✓ Line Total: \$19.73
Yes 9/26/2017 sf \$6.71 \$33.55

9 601.2045 ✓ RTV (LOCTITE 598) McMaster p/n: 6641A41 ✓ 9/26/2017 15.00 ✓ Line Total: \$33.55
Yes 9/26/2017 Each \$14.49 \$217.35
CCKO916 ✓ SP7-9-27

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
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Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37866**

Purchase Order Date 9/25/2017

PO Print Date 9/25/2017

Page Number 4 of 7

Order From :

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Buyer

Chantal Lavoie

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Customer POID

10127-2607

Customer Tax #

Net 10

Terms

USD

Currency

FCA - (Free Carrier)

FOB

10 71400-20

7509A82 1300L GASKET
ADHESIVE

9/26/2017

6.00

\$50.52

\$303.12

Yes

Each

9/26/2017

Deliver To: SYLVIE

11 71400-20

8938A45 THREE SIDED
FLAT BELLOW

9/26/2017

1.00

Line Total:

\$303.12

\$79.76

\$79.76

Yes

Each

9/26/2017

Deliver To: LUC

12 71400-40

7510A653 PLASTIC
SYRINGES 10CC

9/26/2017

10.00

Line Total:

\$79.76

\$8.39

\$83.90

Yes

Each

9/26/2017

SPR9-27

Line Total:

\$83.90

Deliver To: GARY

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37866**

Purchase Order Date 9/25/2017

PO Print Date 9/25/2017

Page Number 5 of 7

Order From : VU-MCM001

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Buyer Chantal Lavoie

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Customer POID

10127-2607

Customer Tax #

Net 10

Terms

USD

Currency

FOB

FCA - (Free Carrier)

Ship Acct:

13 71500-20

4289A16 BLADE

9/26/2017

Yes

9/26/2017

20.00

Each

\$1.75

\$35.00

Deliver To: SYLVIE

14 71500-20

4289A41 BLADE

9/26/2017

Yes

9/26/2017

20.00

Each

\$2.56

\$51.20

Deliver To: SYLVIE

15 71500-45

4066A79 ARBOR 3/8

9/26/2017

No

9/26/2017

1.00

Each

\$10.88

\$10.88

Deliver To: LUC

16 71500-45

41005A25 HOLE SAW

9/26/2017

Yes

9/26/2017

1.00

Each

\$10.61

\$10.61

Note:

SP A-9-27.



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Page Number 6 of 7

Order From :
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CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 330 995 5500

Buyer Chantal Lavoie

Ship To Contact
Ship To Phone
Ship Via: Purolator ground ppd
Ship Acct:

Customer POID
Customer Tax # 10127-2607
Terms Net 10
Currency USD
FOB FCA - (Free Carrier)

17 71500-45

41005A35 HOLE SAW

9/26/2017
Yes
9/26/2017

1.00
Each

Line Total: \$10.61

\$13.22

\$13.22

18 71500-45

41005A47 HOLE SAW

9/26/2017
Yes
9/26/2017

1.00
Each

Line Total: \$13.22

\$18.13

\$18.13

19 71500-45

4066A78 HOLE SAW

9/26/2017
Yes
9/26/2017

1.00
Each

Line Total: \$18.13

\$7.44

\$7.44

Line Total: \$7.44

Note:



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1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
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Fax: 613 632 1053

PURCHASE ORDER

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Purchase Order Date 9/25/2017
PO Print Date 9/25/2017

Page Number 7 of 7

Order From : VU-MCM001

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 330 995 5500

Buyer Chantal Lavoie

Ship To Contact
Ship To Phone
Ship Via: Purolator ground ppd
Ship Acct:

Customer POID 10127-2607

Customer Tax # Net 10

Terms USD

Currency FCA - (Free Carrier)

20	M-316THRDRD-0.190-32-72	316 SS 10-32 Threaded Rod x 72" Long	9/26/2017	FN	36.00	\$2.05	\$73.80
			Yes		f		
			9/26/2017				

material certification required
MCMASTER P/N: 93250A012

21	71401-45	PROCUREMENT QUALITY CLAUSES	9/26/2017	1.00	Line Total:	\$73.80
			No			
			9/26/2017			

PROCUREMENT QUALITY CLAUSES
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A025 CERTIFICATE OF CONFORMANCE
A040 NOTIFICATION OF QUALITY ESCAPE
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

SDA 9-27

Line Total: \$0.00

PO Total: \$1,412.75

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 9/25/2017